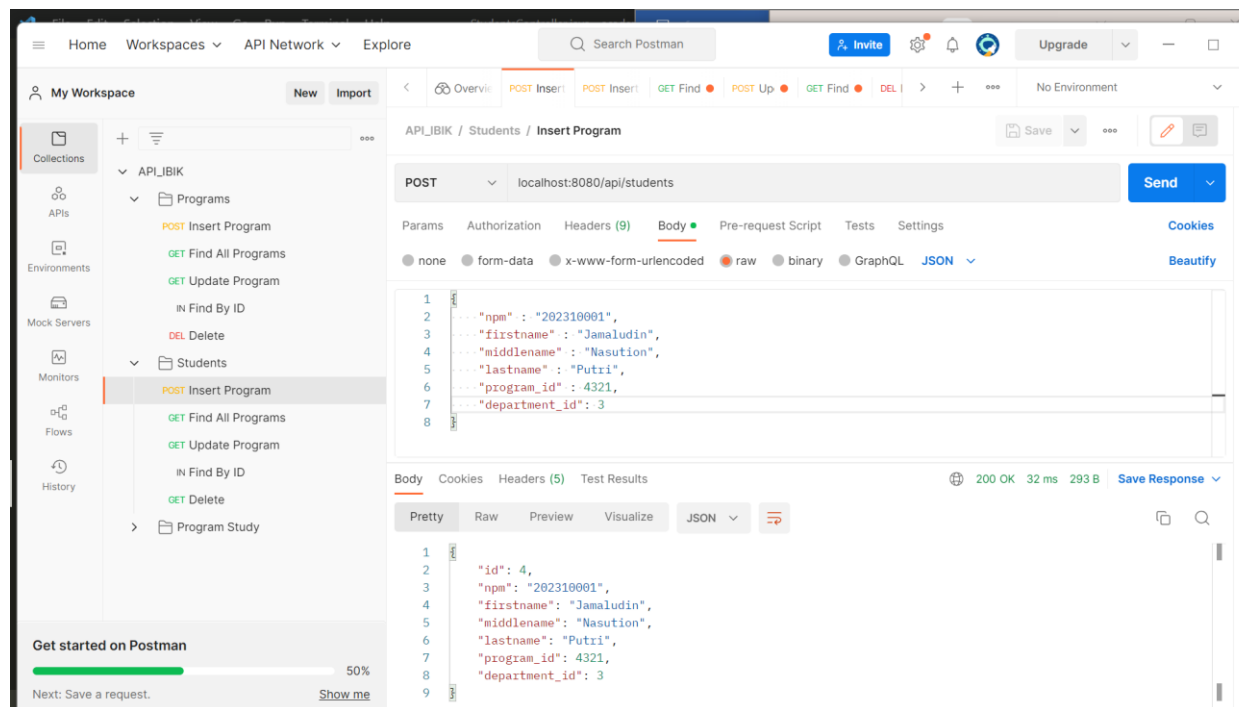
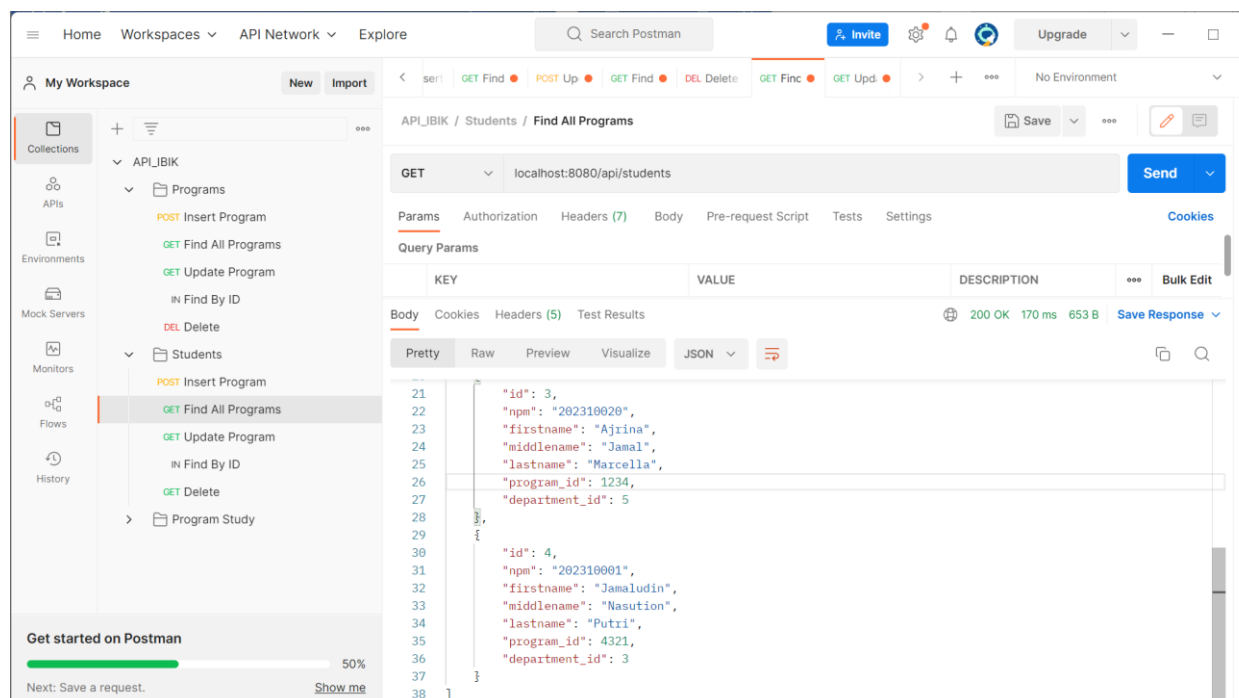


Tabel Student



1.1 Insert Programs



1.2 Find All Programs

The image displays two screenshots related to a microservices assignment. The top screenshot shows the Postman interface with a POST request to the endpoint `localhost:8080/api/students/`. The request body is a JSON object representing a student record. The bottom screenshot shows the phpMyAdmin interface, displaying the 'students' table with 4 rows of data.

Postman Request:

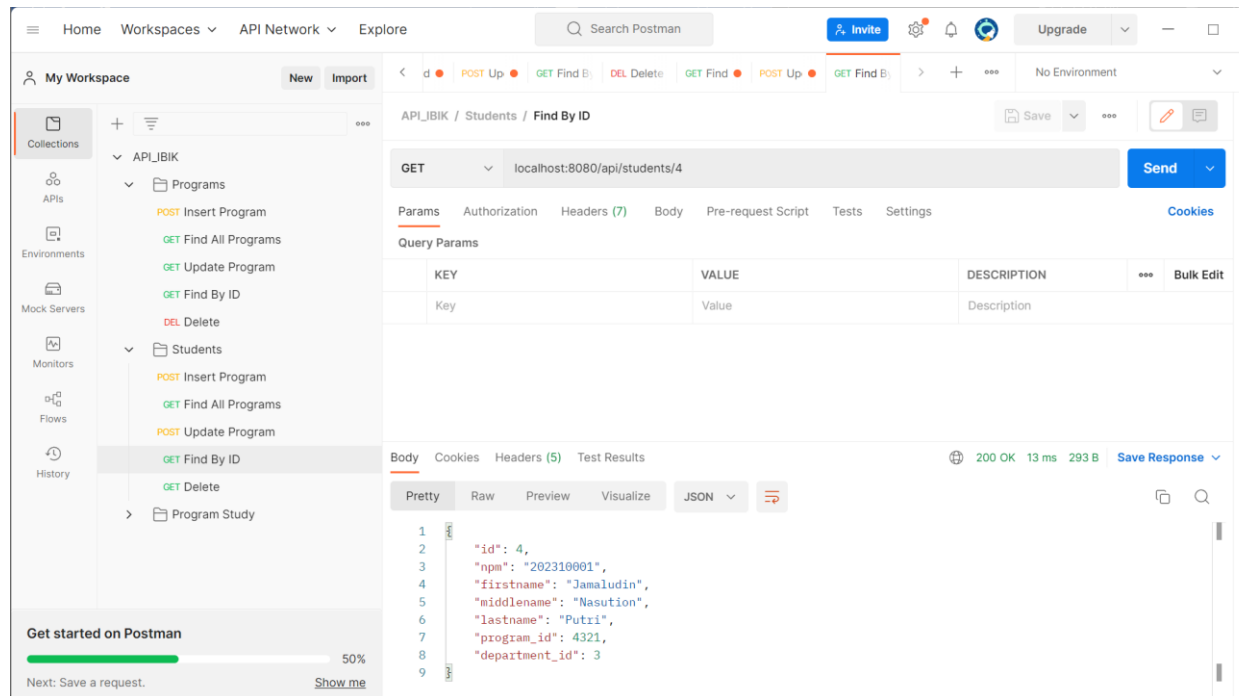
```
POST localhost:8080/api/students/

{
  "id": 2,
  "npm": "202310020",
  "firstname": "Ajrina",
  "middlename": "Bocil",
  "lastname": "Marcella",
  "program_id": 1234,
  "department_id": 8
}
```

phpMyAdmin Table Data:

	id	department_id	firstname	lastname	middlename	npm	program_id
<input type="checkbox"/>	1	0	NULL	NULL	NULL	NULL	0
<input type="checkbox"/>	2	8	Ajrina	Marcella	Bocil	202310020	1234
<input type="checkbox"/>	3	5	Ajrina	Marcella	Jamal	202310020	1234
<input type="checkbox"/>	4	3	Jamaludin	Putri	Nasution	202310001	4321

1.3 Update Program

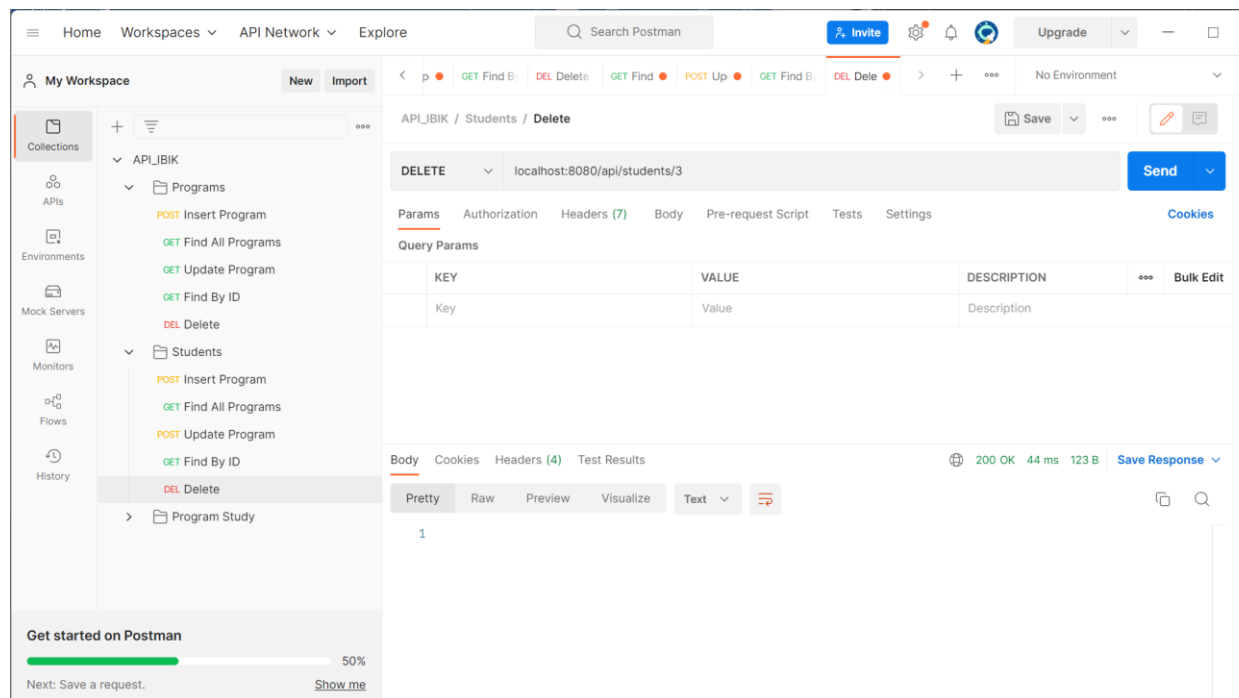


The screenshot shows the Postman interface with a workspace named 'My Workspace'. The left sidebar shows a collection 'API_IBIK' with a folder 'Students' containing a request 'GET Find By ID'. The main panel shows the details of this request, which is a GET request to 'localhost:8080/api/students/4'. The response is a JSON object with the following data:

```
{
  "id": 4,
  "npm": "202310001",
  "firstname": "Jamaludin",
  "middlename": "Nasution",
  "lastname": "Putri",
  "program_id": 4321,
  "department_id": 3
}
```

The response status is 200 OK, 13 ms, 293 B. The response is displayed in the 'Pretty' format.

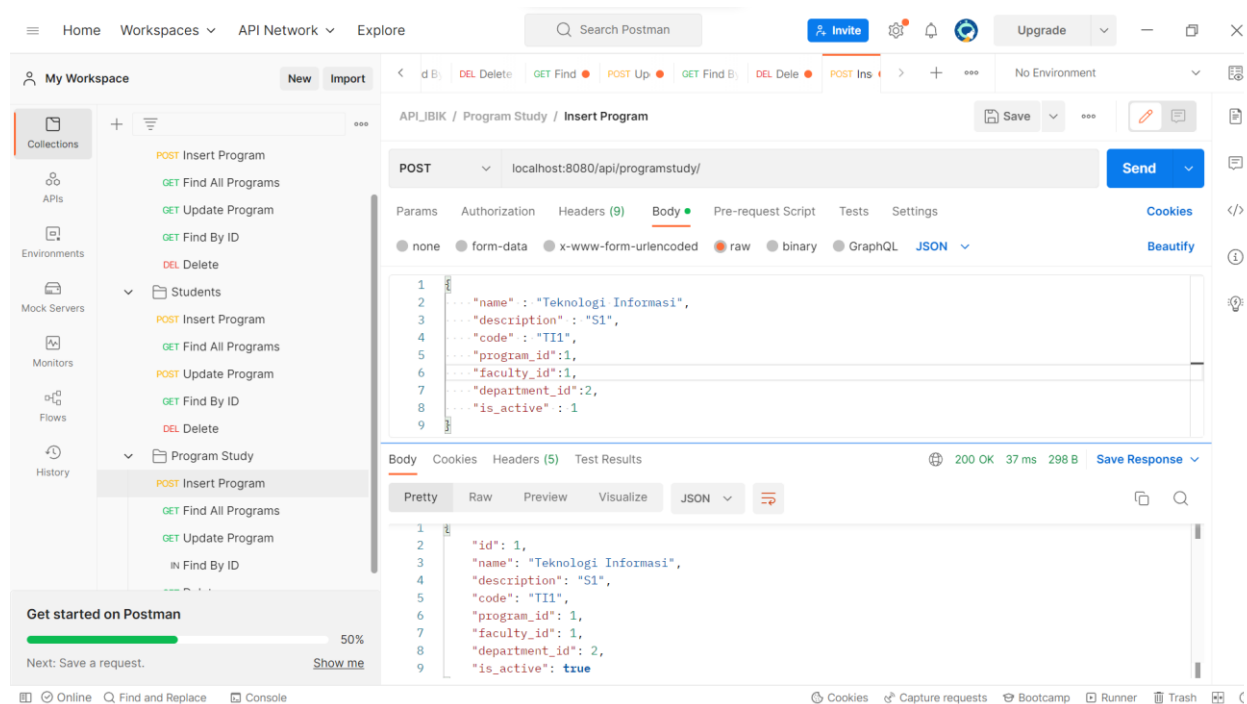
1.4 Find by ID



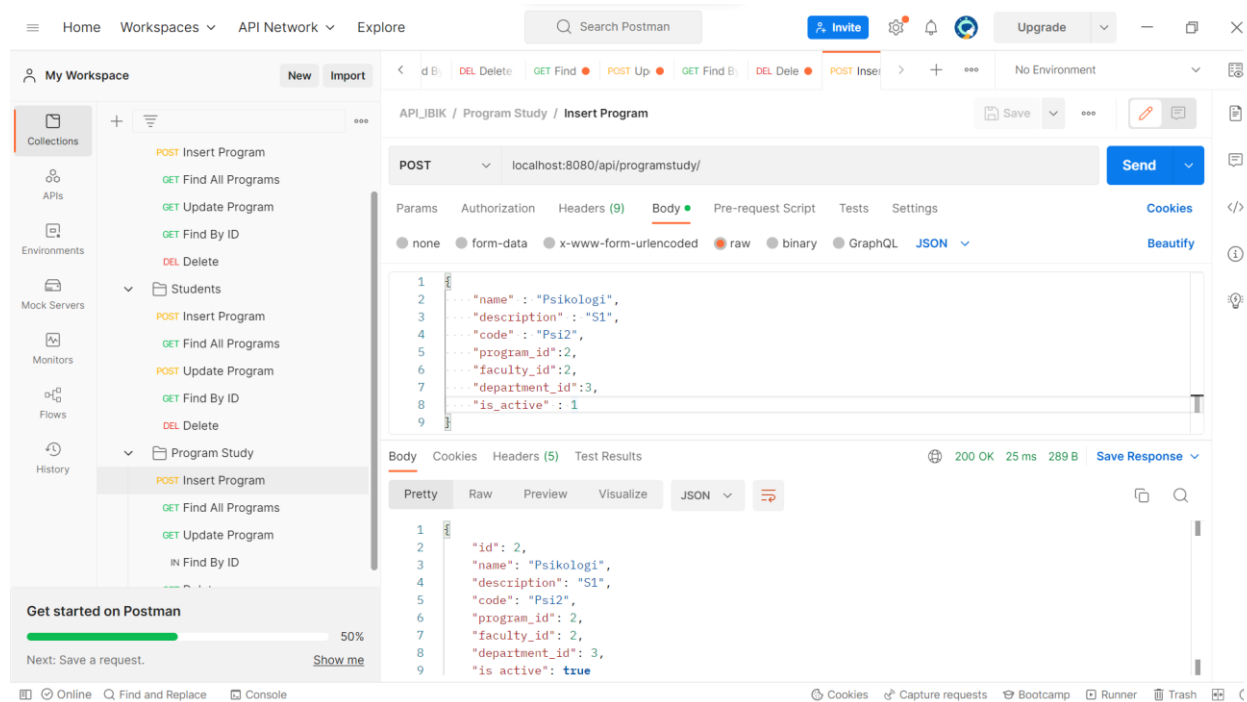
The screenshot shows the Postman interface with a workspace named 'My Workspace'. The left sidebar shows a collection 'API_IBIK' with a folder 'Students' containing a request 'DELETE Delete'. The main panel shows the details of this request, which is a DELETE request to 'localhost:8080/api/students/3'. The response is a 200 OK status, 44 ms, 123 B. The response is displayed in the 'Text' format.

1.5 Delete

Tabel Program Study



2.1.1 Insert Program



2.1.2 Insert Program

The screenshot shows the Postman application interface. On the left, the 'My Workspace' sidebar lists collections, including 'Program Study' which contains several API endpoints. The main panel displays a GET request to 'localhost:8080/api/programstudy/'. The response is a JSON array of two program objects, with a status of 200 OK and a response time of 16 ms. The response body is shown in 'Pretty' format.

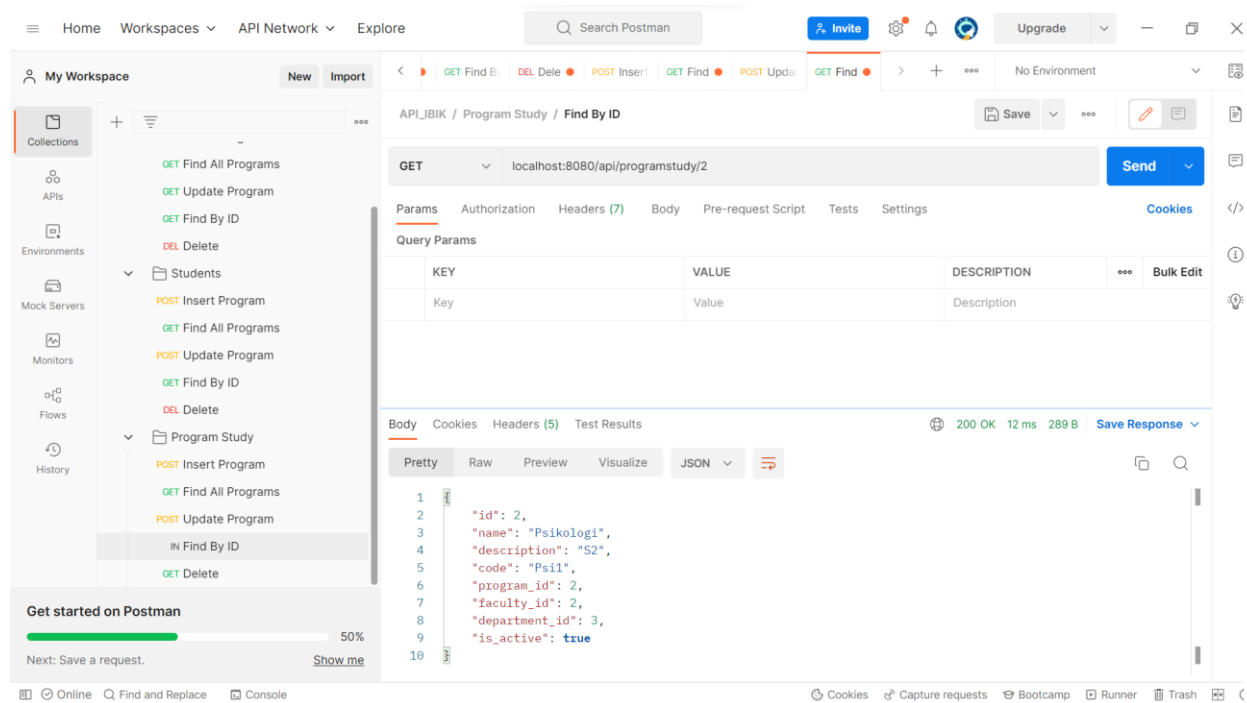
```
1 {
2   {
3     "id": 1,
4     "name": "Teknologi Informasi",
5     "description": "S1",
6     "code": "TI1",
7     "program_id": 1,
8     "faculty_id": 1,
9     "department_id": 2,
10    "is_active": true
11  },
12  {
13    "id": 2,
14    "name": "Psikologi",
15    "description": "S1",
16    "code": "Psi2",
17    "program_id": 2,
18    "faculty_id": 2,
19    "department_id": 3,
20    "is_active": true
21  }
22 }
```

2.2 Find All Programs

The screenshot shows the Postman application interface. On the left, the 'My Workspace' sidebar lists collections, including 'Program Study' which contains several API endpoints. The main panel displays a POST request to 'localhost:8080/api/programstudy/'. The response is a JSON object representing a single program, with a status of 200 OK and a response time of 31 ms. The response body is shown in 'Pretty' format.

```
1 {
2   "id": 2,
3   "name": "Psikologi",
4   "description": "S2",
5   "code": "Psi1",
6   "program_id": 2,
7   "faculty_id": 2,
8   "department_id": 3,
9   "is_active": true
10 }
```

2.3 Update Program



Postman interface showing a GET request to `localhost:8080/api/programstudy/2`. The response is a JSON object with details for a program study.

Query Params

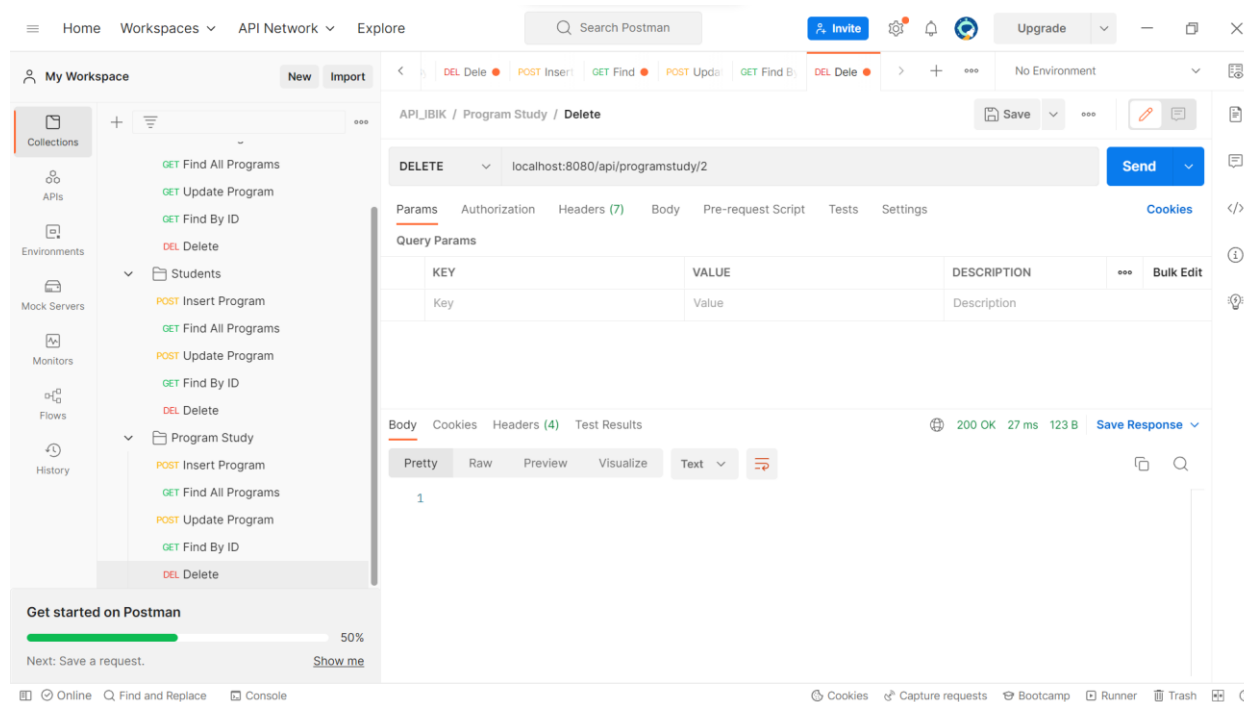
KEY	VALUE	DESCRIPTION
Key	Value	Description

Body (Pretty)

```
1 {
2   "id": 2,
3   "name": "Psikologi",
4   "description": "S2",
5   "code": "Psi1",
6   "program_id": 2,
7   "faculty_id": 2,
8   "department_id": 3,
9   "is_active": true
10 }
```

200 OK 12 ms 289 B

2.4 Find by ID



Postman interface showing a DELETE request to `localhost:8080/api/programstudy/2`. The response is a 200 OK status.

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body (Text)

```
1
```

200 OK 27 ms 123 B

2.5 Delete